

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052172

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/58 A61K9/72 A61P11/00 A61P11/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data, SCISEARCH, PHARMAPROJECTS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>AGERTOFT L ET AL: "Lower-leg growth rate and HPA-axis function in children with asthma during treatment with inhaled ciclesonide."</p> <p>JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY, vol. 113, no. 2 Supplement, February 2004 (2004-02), page S119, XP009040973</p> <p>& 60TH ANNUAL MEETING OF THE AMERICAN ACADEMY OF ALLERGY, ASTHMA AND IMMUNOLOGY (AAAAI); SAN FRANCISCO, CA, USA; MARCH 19-23, 2004</p> <p>ISSN: 0091-6749</p> <p>abstract</p> <p style="text-align: center;">----- -/--</p>	1-42

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention.
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

8 December 2004

Date of mailing of the international search report

21/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Hornich, E

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052172

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/075896 A (CHIESI FARMA SPA ; PASTORE FIORELLA (IT); RAZZETTI ROBERTA (IT)) 10 September 2004 (2004-09-10) the whole document in particular page 6, line 10 page 8, line 24 page 9, line 20 page 10, line 6 page 10, line 28 - page 12, line 16 claims 6-8 -----	1-42
X	DENT G: "CICLESONIDE" CURRENT OPINION IN INVESTIGATIONAL DRUGS, PHARMAPRESS, US, vol. 3, no. 1, 2002, pages 78-83, XP001179540 ISSN: 1472-4472 the whole document -----	1-42
X	MEALY N E ET AL: "Ciclesonide: Treatment of allergic rhinitis antiallergy/antiasthmatic" DRUGS OF THE FUTURE, vol. 26, no. 11, November 2001 (2001-11), pages 1033-1039, XP009041019 ISSN: 0377-8282 the whole document -----	1-42
Y	US 5 891 844 A (HAEFNER DIETRICH) 6 April 1999 (1999-04-06) the whole document -----	1-42
Y	ROGERS D F: "Pulmonary mucus: Pediatric perspective" PEDIATRIC PULMONOLOGY 01 SEP 2003 UNITED STATES, vol. 36, no. 3, 1 September 2003 (2003-09-01), pages 178-188, XP009040975 ISSN: 8755-6863 abstract 'Introduction' 'Glucocorticosteroids' -----	1-42
Y	US 2003/087848 A1 (BRATZLER ROBERT L ET AL) 8 May 2003 (2003-05-08) paragraphs '0008!', '0113! table 2 -----	1-42
Y	WO 02/04420 A (NOVARTIS ERFIND VERWALT GMBH ; NOVARTIS AG (CH); STORZ THOMAS (CH); BH) 17 January 2002 (2002-01-17) page 13, paragraph 3 page 15, paragraph 3 -----	1-42

-/--

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052172

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 98/52542 A (MULLER HELGERT ; FATANIA KANU M (GB); OLIVER MARTIN J (GB); SCOTT JOHN) 26 November 1998 (1998-11-26) the whole document</p> <p style="text-align: center;">-----</p>	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/052172

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-21 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052172

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004075896	A	10-09-2004	EP 1452179 A1 WO 2004075896 A1	01-09-2004 10-09-2004
US 5891844	A	06-04-1999	DE 4434629 C1 AT 241372 T AU 705099 B2 AU 3742895 A BG 62556 B1 BG 101441 A CA 2201377 A1 CN 1163571 A ,B CZ 9700940 A3 DE 59510705 D1 DK 783314 T3 EE 9700084 A WO 9609831 A2 EP 0783314 A2 ES 2201120 T3 FI 971277 A HK 1003869 A1 HU 77931 A2 JP 10506119 T NO 971403 A NZ 294587 A PL 319608 A1 PT 783314 T RU 2157222 C2 SK 40197 A3	27-06-1996 15-06-2003 13-05-1999 19-04-1996 29-02-2000 30-09-1997 04-04-1996 29-10-1997 17-09-1997 03-07-2003 01-12-2003 15-10-1997 04-04-1996 16-07-1997 16-03-2004 27-05-1997 31-10-2003 30-11-1998 16-06-1998 17-04-1997 28-07-1998 18-08-1997 31-10-2003 10-10-2000 04-02-1998
US 2003087848	A1	08-05-2003	US 2004235774 A1	25-11-2004
WO 0204420	A	17-01-2002	AU 8197201 A BR 0112456 A CA 2412941 A1 CN 1441780 T CZ 20030075 A3 WO 0204420 A1 EP 1303488 A1 HU 0301341 A2 JP 2004502756 T NO 20030135 A NZ 523414 A PL 358673 A1 SK 272003 A3 US 2003176460 A1 ZA 200300281 A	21-01-2002 22-07-2003 17-01-2002 10-09-2003 16-04-2003 17-01-2002 23-04-2003 28-08-2003 29-01-2004 19-02-2003 30-07-2004 09-08-2004 01-07-2003 18-09-2003 08-04-2004
WO 9852542	A	26-11-1998	AT 245966 T AU 726835 B2 AU 7496298 A BG 64268 B1 BG 103902 A BR 9809448 A CA 2290521 A1 CN 1257421 T DE 69816811 D1 DE 69816811 T2 DK 983058 T3	15-08-2003 23-11-2000 11-12-1998 31-08-2004 31-05-2000 20-06-2000 26-11-1998 21-06-2000 04-09-2003 15-04-2004 24-11-2003

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052172

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9852542	A	EA 2381 B1	25-04-2002
		EP 0983058 A1	08-03-2000
		ES 2205491 T3	01-05-2004
		HK 1027027 A1	16-07-2004
		HU 0002691 A2	28-02-2001
		JP 2001526685 T	18-12-2001
		NO 995667 A	18-11-1999
		NZ 500874 A	28-09-2001
		PL 336885 A1	17-07-2000
		PT 983058 T	31-12-2003
		SI 983058 T1	29-02-2004
		SK 157699 A3	16-05-2000
		TR 9902863 T2	22-05-2000
		US 6120752 A	19-09-2000
		WO 9852542 A1	26-11-1998